

Application Serial No. 10/665,629
Amendment dated September 10, 2004
Reply to Office action of May 14, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-21. (Cancelled)

22. (New) A cap for distributing an air flow output by a heating or conditioning unit with forced or natural convection in a vertical direction, the unit having a housing with an upper end and a base and being of the type to be mounted against a wall, the cap comprising a frame with a bottom and a top, said bottom being open and connectible to said upper end of the housing of said unit, said top being provided with a rear portion which is intended to face the wall against which the unit is mounted and with a front portion, said front portion having a substantially rectangular opening, deflector means located in said opening, the deflector means having an inner surface facing said bottom of the cap and an opposed outer surface and being angularly displaceable around a longitudinal axis extending parallel to said wall, from a closure position of said opening to a position in which it is inclined to the vertical direction of the air flow so that its outer face is turned towards the wall against which the unit is mounted.

23. (New) A cap according to claim 22 wherein said deflector means are in form of a vane.

24. (New) A cap according to claim 22 wherein said deflector means are electrically operated.

25. (New) A cap for distributing an air flow output by a heating or conditioning unit with forced or natural convection in a vertical direction, the unit having a housing with an upper end and a base and being of the type to be mounted against a wall, the cap comprising a frame with a bottom and a top, said bottom being open and connectible to said upper end of the housing of said unit, said top being provided with a rear portion which is intended to face the wall against which the unit is mounted and with a front portion, said front portion having a substantially rectangular opening, a deflector vane located in said opening, the deflector vane having an inner surface facing said bottom of the cap and an opposed outer surface and being angularly displaceable around a longitudinal axis extending parallel to said wall, from a closure position of said opening to a position in which it is inclined to the vertical direction of the air flow so that its

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outer face is turned towards the wall against which the unit is mounted, a plurality of parallel fins being provided inside said opening of said front portion, said fins lying in planes perpendicular to said longitudinal axis.

26. (New) A cap according to claim 25 wherein the deflector vane is roof-shaped with two inclined pitches.

27. (New) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 22.

28. (New) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 23.

29. (New) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 24.

30. (New) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 25.

31. (New) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 26.